

Work Order ID 94814

94814

Page 1

December-20-12 9:11:09 AM

Item ID: D3913-9

Accept

N9000040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Hinge Rib

Start Date: 12/21/12 Start Qty: 1.00

1

Cust Item ID:

Required Date: 1/11/13 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: *R*

Date: *12-21-12*

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3913	B								
100		0.00							
100									
Large Fab	Memo	0.00							
Large Fab	1- Cut tube as per dwg D3913 2- remove identification marks and deburr								
110	QC6- Inspect dimensions to drawing	0.00							
110									
QC	Memo	0.00							
Quality Control									
120	Identify as per dwg & Stock Location: <i>WA 4</i>	0.00							
120									
Packaging	Memo	0.00							
Packaging									

5

QDL13-02-28

QPL13.3.1

5

QPL13.3.1

5

Work Order ID 94814

94814

Page 2

December-20-12 9:11:09 AM

Item ID: D3913-9

Accept

N9000040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Hinge Rib

Start Date: 12/21/12 Start Qty: 1.00

1

Cust Item ID:

Required Date: 1/11/13 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	QC21- Final Inspection - Work Order Release	0.00							
130									
QC	Memo	0.00							
Quality Control									

13/3/4

MF

13-3-01

Picklist Print

December-20-12 9:11:09 AM

Page 1

Work Order ID: 94814

Parent Item: D3913-9

Parent Item Name: Hinge Rib

Start Date: 12/21/12

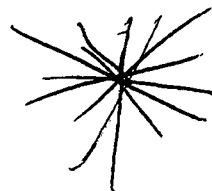
Required Date: 1/11/13

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A new issue DD 10.03.19 verified by:EC

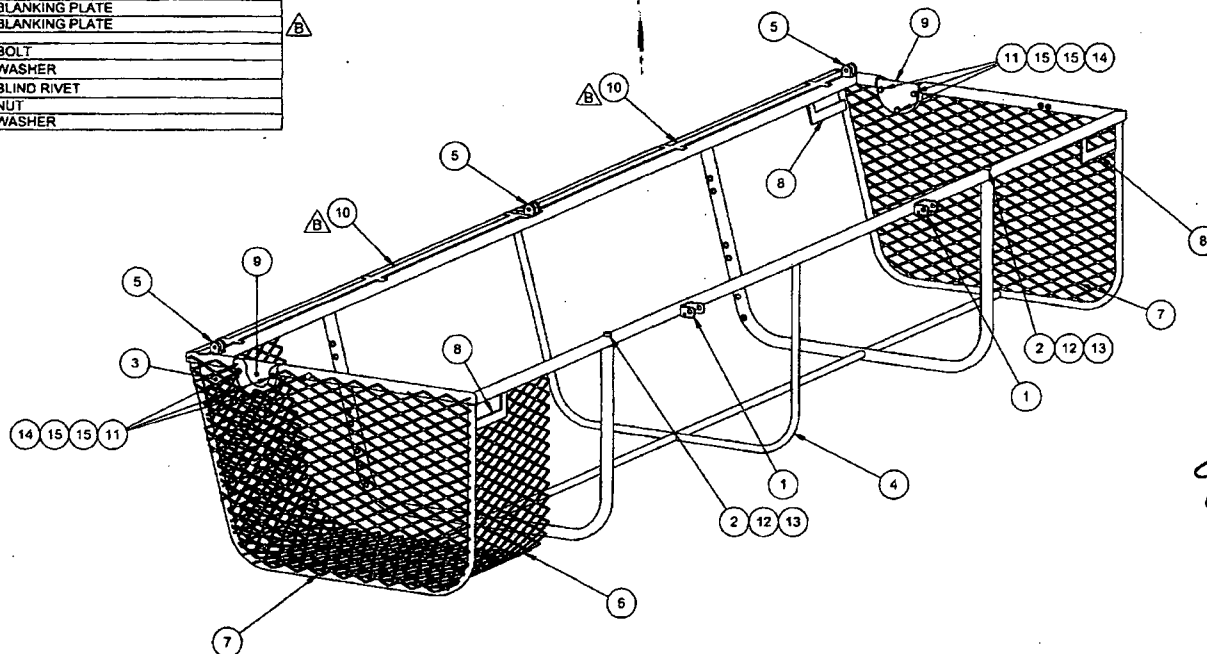
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304TS0.750W.049		Purchased	No			100	f	905.1312	7.875	8.2894737			
304 SQ Tube .75x.75x.049W													



Location	Loc Qty	Loc Code
MAT017	2.0156214	
121898	2.0156214	
WA006	903.1155859	
122201	0.1626	
122425	39.0000000	
122666	0.7293	
122710	20.5	
123219	289.5	
123484	553.223686	

5 DL 13-02-88

ITEM	QTY	P/N	DESCRIPTION
	X	D3913-041	LONG BASKET BASE ASSY (350)
1	2	D2581	MOUNTING BRACKET
2	2	D2931	BUMPER
3	1	D3913-15	WIDE HANDLE PLATE
4	1	D3913-101	TUBULAR ASSY (350 LONG BASKET)
5	3	D4016-1	HINGE HALF, BASE
6	1	D4020-1	MESH (350 BASKET LONG BASE)
7	2	D4020-11	END MESH, BASKET
8	3	D4021-1	HANDLE PLATE
9	2	D4021-5	BLANKING PLATE
10	2	D4672-1	BLANKING PLATE
11	6	AN3-10A	BOLT
12	2	AN860JD8	WASHER
13	2	MS20600AD4W3	BLIND RIVET
14	6	MS21042L3	NUT
15	12	NAS1149F0332P	WASHER



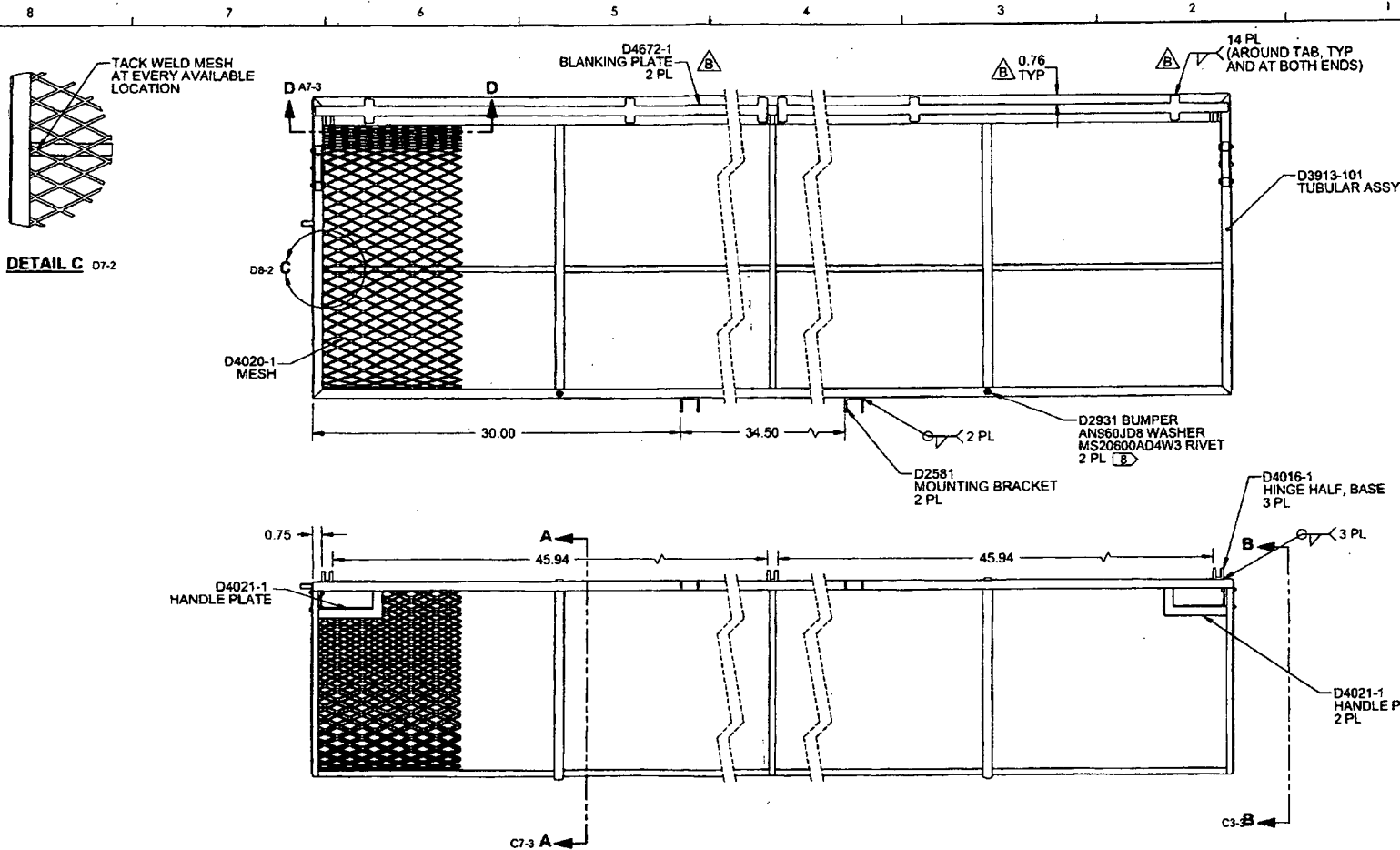
D3913-041 LONG BASKET BASE ASSY (350)
(MESH SHOWN LOCALLY FOR CLARITY)

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT WHITE (4.3.5.2) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 43.9 lbs APPROX
- 8) INSTALL AFTER FINISH
- 9) MASK HOLES PRIOR TO POWDER COAT
- 10) WELD PER DART QSI 004

RELEASED
2012-07-12
ECN 12-64

B	ADD D4672-1 (ZN C4-1, C6-1, D2-2, D2-3, & D5-2).	MB	12.06.15
A	NEW ISSUE	JPH	10.03.16
REV.	DESCRIPTION	BY	DATE
DESIGN	1.15	DART AEROSPACE LTD	
DRAWN		HAWKESSBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		D3913	SHEET 1 OF 6
APPROVED		TITLE	SCALE
DE APPR.		LONG BASKET BASE ASSY (350) NTS	
DATE	12.06.15	<small>COPYRIGHT © 2016 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED BY THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	



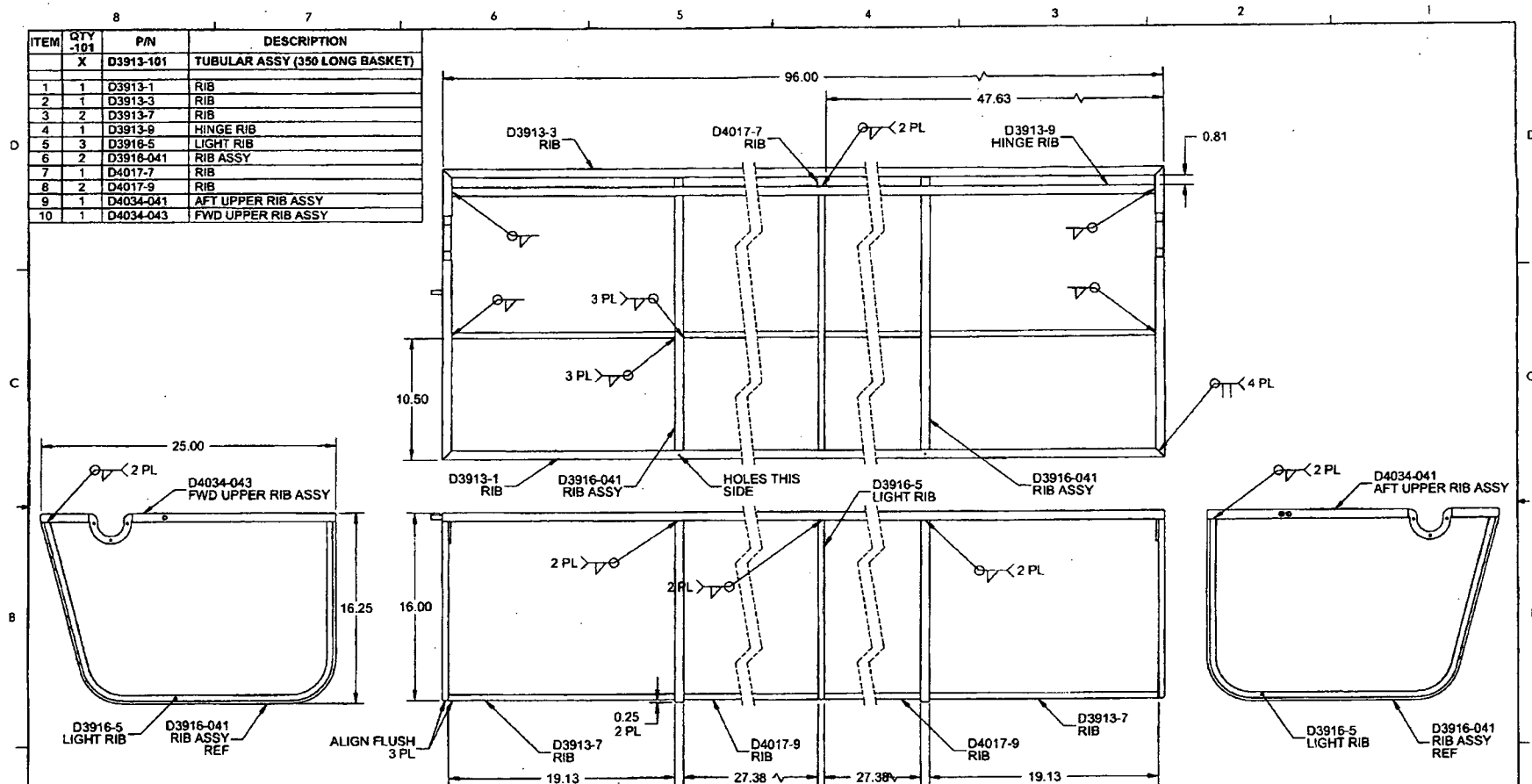
D3913-041 LONG BASKET BASE ASSY (350)
(MESH SHOWN LOCALLY FOR CLARITY)

QC1814

RELEASED
2012-07-12

DESIGN	ALS	DART AEROSPACE LTD	
DRAWN	AP	HAWKESBURY, ONTARIO, CANADA	
CHECKED	AP	DRAWING NO.	REV. B
MFG. APPR.	AP	D3913	SHEET 2 OF 6
APPROVED	AP	TITLE	SCALE
DE APPR.	AP	LONG BASKET BASE ASSY (350) MTS	
DATE	12.06.15	<small>COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE LTD.</small>	

ITEM	QTY	P/N	DESCRIPTION
	X	D3913-101	TUBULAR ASSY (350 LONG BASKET)
1	1	D3913-1	RIB
2	1	D3913-3	RIB
3	2	D3913-7	RIB
4	1	D3913-9	HINGE RIB
5	3	D3916-5	LIGHT RIB
6	2	D3916-041	RIB ASSY
7	1	D4017-7	RIB
8	2	D4017-9	RIB
9	1	D4034-041	AFT UPPER RIB ASSY
10	1	D4034-043	FWD UPPER RIB ASSY



D3913-101 TUBULAR ASSY (350 SHORT BASKET)

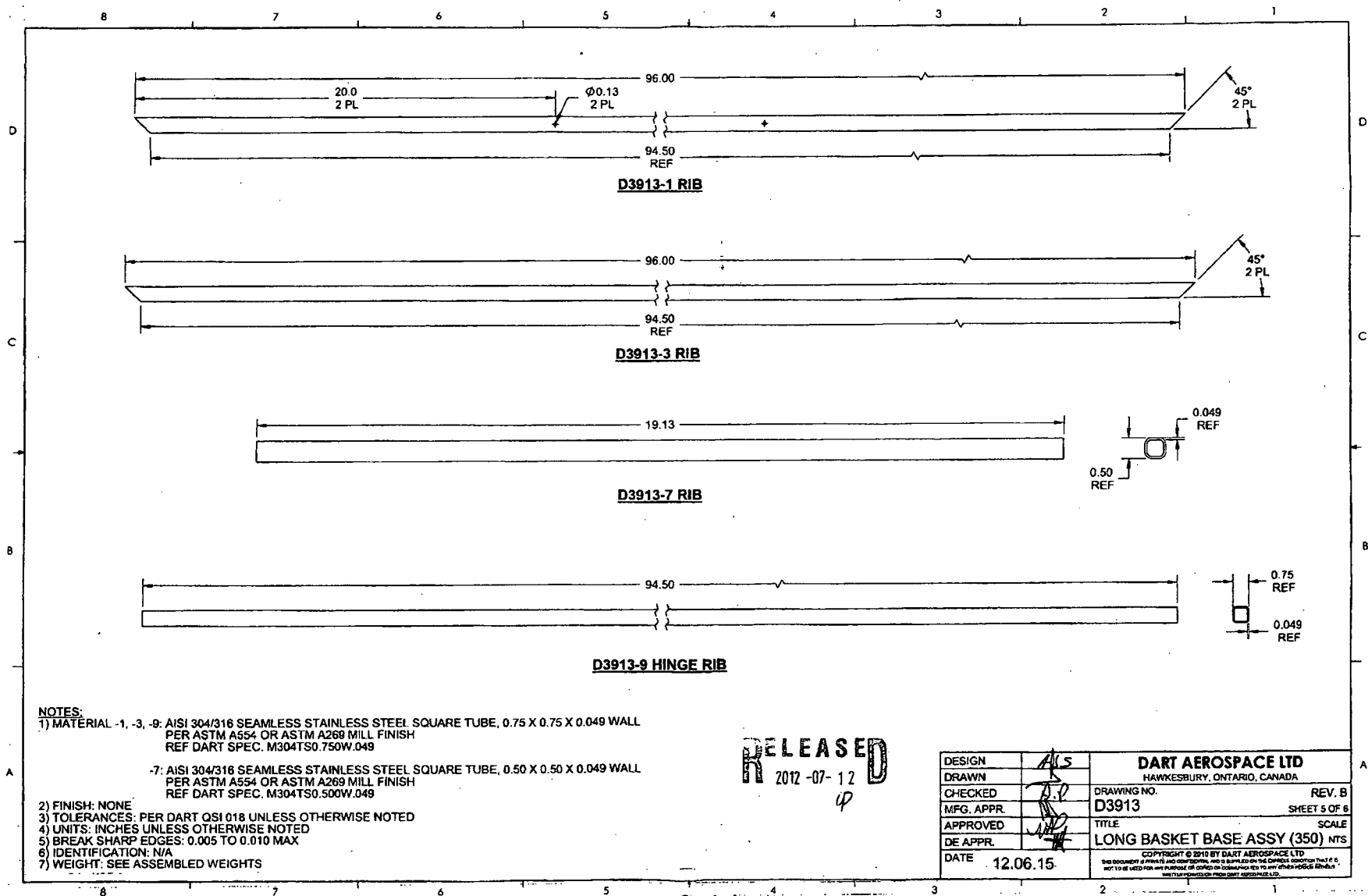
NOTES:

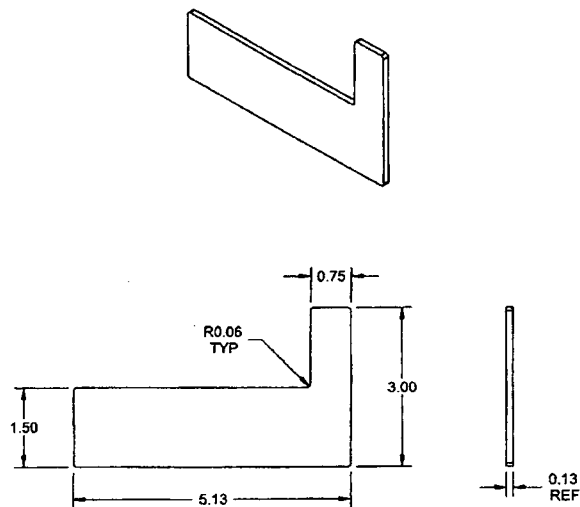
- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 22.53 lbs
- 8) TOLERANCE FOR XX.XX DIMENSIONS ± 0.06 FOR D3913-101
- 9) WELD PER DART QSI 004

RELEASED
2012-07-12

DESIGN	AKS	DART AEROSPACE LTD	
DRAWN	AKS	HAWKESBURY, ONTARIO, CANADA	
CHECKED	B.P.	DRAWING NO. D3913	REV. B
MFG. APPR.		TITLE LONG BASKET BASE ASSY (350) NTS	SHEET 4 OF 6
APPROVED		SCALE	
DE APPR.			
DATE	12.06.15		

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D3913-15 WIDE HANDLE PLATE

NOTES:

- 1) MATERIAL: 304/316 STAINLESS STEEL SHEET ANNEALED 2B FINISH,
PER MIL-S-6059 OR AMS 5513/5524 OR ASTM A240 OR ASME SA240
REF DART SPEC M304S11GA
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.31 lbs

RELEASED
2012-07-12
4

DESIGN	415	DART AEROSPACE LTD	
DRAWN	3	HAWKESBURY, ONTARIO, CANADA	
CHECKED	AP	DRAWING NO.	REV. B
MFG. APPR.	11	D3913	SHEET 6 OF 6
APPROVED	11	TITLE	SCALE
DE APPR.	11	LONG BASKET BASE ASSY (350) NTS	
DATE	12.06.15	COPYRIGHT © 2010 BY DART AEROSPACE LTD	
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Receiving Report

Date: 12/10/29

Batch No: m12 3484

Supplier: metaxs dutton

Dart P/O: 18214

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☒ No ☒
 Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐
 Waybill Attached: Yes ☒ No ☐ N/A ☐
 Shipment Complete: Yes ☒ No ☐ N/A ☐
 QC6 Inspection: 12/11/01 N/A ☐
 Work Order: 12/11/01 N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12 [Signature]

Production/Admin: 12/10/29
 Date: [Signature]
 Received/Costing: [Signature]
 Initial: [Signature]

Location

Purchase Order Receipt Listing

Page 1 of 1

Monday, October 29, 2012 9:29:38 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO18214 All Receipt Dates All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
------------------------------------	-----------------------------	------------	--	-----------------------	-------------------------------	---------------------------	-------------------------	------------------------------	--	-------------------------------	----------

VendorID\Vendor Name	VC-MET002	Metaux Solutions									
PO18214	1		M304TS0.750W.049 f		10/29/2012	10/29/2012	600.0000	\$3.86	0.0000	0	\$2,318.99
CAD	No		304 SQ Tube f		600.0000	DESJ02		\$2,318.99	0.0000	0	
			.75x.75x.049W								
			123484								

Total Received Quantity:	600.0000
Total Qty to Inspect (PO U/M):	0.0000
Total Reject Quantity:	0.0000
Total Receipt Value:	\$2,319.00
Total Balance Due Quantity:	0.0000

MÉTAUX SOLUTIONS INC
2625 BOUL JACQUES CARTIER EST
LONGUEUIL, QUEBEC
J4N 1L7 Tel : 450 641-3330

Shipping Order 25/10/2012

Order : 82133
Reference : PO18214
Ship : PICK UP / PICK UP

Customer : 6323336

DART AEROSPACE LTD
1270, ABERDEEN STREET
HAWKESBURY, ONTARIO
K6A 1K7

Ship To

Same

Tel.: 1 613 632-3336

Item No.	Description	Qty	Qty. Delivered	B/O Qty
SSQT34340494	304 SQ TUBE .750 X .049 WALL 30 X 20' HT,C5P3	600	600	0

SHIP TST COLLECT
JP

DAS
14
2-83 12/1/01

Signature

Shipping : _____

Package No : _____

Merchandise Received: _____

Ref. : _____

PHOENIX TUBE COMPANY, INC.
 Manufacturer of Stainless Ornamental and Structural Tubing
CERTIFICATION OF TEST

Sold To:

Ship To:

CUSTOMER ORDER#: C85485
 CUST REF NBR:
 DATE SHIPPED: 10/22/12
 SIZE: 3/4SQ X 18 GA AW
 SOURCE: USA D
 VENDOR: NAS

Phone# 5492803 Ext:
 ORDER#: 288601
 QTY SHIPPED: 1520.0
 GRADE: 304L WELD: HF
 HEAT#: C8P3
 TEST REPORT#: TR010484
 Report Date: 07/11/12

Specification:

ASTM A554-11	T304L/304 DUAL CERTIFIED	NO WELD REPAIR	EN 10204 2.2
ASTM-A 240 LATEST REVISION	RAW MATERIAL SPEC.		NACE MR0175/01
ASTM A554 2003 SUPERSEDED	MFG USING	ANNEALED AND PICKLED	PLATE, SHEET OR STRIP
MATERIAL IS FULL SOLUTION	ANNEALED, AND SHOWS NO	CONTINUOUS CARBIDE	PRECIPITATION
DFARS 252.225-7009/7014	COMPLIANT		

DAS
 14
 2-89 12/11/01

MERCURY IS NOT USED BY US AS AN ALLOYING MATERIAL NOR IS METALLIC MERCURY HANDLED IN THE VICINITY OF OUR PROCESSING LINES. WE ARE NOT PRESENTLY AWARE OF ANY MERCURY CONTAMINATION.

Chemical Analysis

C	MN	P	S	SI	CR	NI	MO	CU	CO	N2	TI
.021	1.77	.032	.012	.27	18.22	8.08	.33	.43	0	.08	0

Physical Analysis

	YIELD		TENSILE		OTHER	
Hardness	PSI	MPA	PSI	MPA	Percent EL	Percent RA
RB 88	50480	0	96110	0	45	0

THE CHEMICAL ANALYSES ARE CORRECT AS CONTAINED IN OUR CORPORATE RECORDS.
 PHYSICAL PROPERTIES ARE DETERMINED WHILE MATERIAL IS IN STRIP FORM.
 Melted & Manufactured in the USA FAR BAA complies, DFARS BAA complies, FAR TAA complies

CERTIFIED BY:

San Lino

1185 WIN DR, BETHLEHEM, PA, 18017 - (610) 865-5337
 FAX NUMBER: 610-865-4073

149135



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PO REPRINT

Purchase Order ID PO18214

Purchase Order Date 10/23/2012

PO Print Date 10/29/2012

Page Number 1 of 1

Order From :

METALUX SOLUTIONS
2625 BOUL JACQUES-CARTIER EST
LONGUEUIL, QC J4N 1L7
CA

VC-MET002

REFERENCE ONLY

Contact Name

Vendor Phone 800 558 8858

Vendor Fax 514 633 8044

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req. Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M304TS0.750W.049	304 SQ Tube .75x.75x.049W	10/29/2012 Yes	600.00 f	TST ground	\$3.8000	\$2,280.00

Special Inst:

AISI 304/316 SEAMLESS SS
SQUARE TUBING
ASTM A554 MILL FINISH OR
ASTM A269 MILL FINISH

PO Total:

\$2,280.00

REFERENCE ONLY

Change Nbr: 1

Change Date: 10/23/2012

No substitution or deviation without
consent.

Certificate of Conformity or Material
Certification required - YES NO